BEREZOVSKIY, A.Z., inzh.; GORVITS, A.A. D-535 bulldozer based on the T-75 tractor. Stroi.i dor.mash. 6 no.8:8-9 Ag '61. (MIRA 1/2) (MIRA 14:8) (Bulldozers)

GORVITS, I.M., inzh.

The MRShG instrument for repeated stretching of seams. Izv. vys.
ucheb. zav.; tekh.leg. prom. no.2:131-136 '58. (NIRA 11:6)

1.Kiyevskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Testing instruments)

AFANAS'YEV, O.O. [Afenes'iev, O.O.]; GORVITS. S.M. [Horvits, S.M.];
IGNATOVA, L.P. [Innatova, L.P.]; KOTOV, M.P.; NOVIK, G.B.
[Novyk, H.B.]; ORLOV, I.V.; PETNAKHZON, L.B.; ROZENMAN, G.S.
[ROZENMAN, H.S.]; SKATERNOV, V.A.; TSITRIN, L.I.; CHECHENKY,
M.I. [Checheniev, M.I.]; SKOSTAK, S.I.; NAZARENKO, N., red.;
GORKAVENKO, L. [Horkavenko, L.], tekhn.red.

[Light industry of the Ukraine] Lehka promyslovist' Ukrainy.
Kyiv, Derzh,vyd-vo tekhn.lit-ry URSR, 1960. 197 p.

(MIRA 14:4)

(Ukraine--Industries)

GORYA, V. S., Candidate of Biol Sci (diss) -- "The diesease-resistance of new forms of wheat in the collection of the VIR in the Kuban' and in Dagestan".

Leningrad, 1959. 16 pp (All-Union Order of Lenin Acad Agric Sci im V. I. Lenin, All-Union Inst of Plant Growing), 150 copies (KL, No 20, 1959, 110)

Leaf rust resistance of soft wheat at various development stages of the host plant. Dokl. Akad. sel'khoz. 24 no.5:34-37 '59. (MIRA 12:7)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniye-vodstva. Predstavlena akademikom P.M. Zhukovskim. (Leaf rust of wheat)

# GORYACHAYA, M.M. ZATTSEV, I.L.; BARAMEMENOV, G.S., redaktor; KAVERIN, H.A., redaktor; GORYACHAYA, M.M., redaktor; TUMARKINA, H.A., tekhnicheskiy FERRACTO [Course in higher mathematics for technical schools] Kurs vysshei natematiki dlia tekhnikmov. Pod red. G.S.Baranenkova, Moskva, Gos. izd-vo tekhniko-teoret. 11t-ry, 1954. 356 p. [Microfilm] (MIRA 8:3) (Geometry, Analytic) (Calculus, Differential) (Galculus, Integral)

VITUSHKIN, Anatoliy Georgiyevich; GORTACHAYA, M.M., redaktor;
GAVRILOV, S.S., tekhnicheskiy redaktor.

[High-dimensional variations] O mnogomernykh variatsiiakh.

Moskva, Gos.isd-vo tekhniko-teoret.lit-ry, 1955. 220 p.

(Calculus of variations)

(MLRA 8:12)

KHINCHIN, Aleksandr Yskovlevich; GORYACHAYA, M.M., redaktor; AKHIAHOV, S.N., tekhnicheskiy redaktor.

[Short course in mathematical analysis] Kratkii kurs matematicheskogo analisa. Isd-2-s. Moskva. Gos.isd-vo tekhniko-teoret. lit-ry, 1955. 627 p. (MIRA 8:8) (Calculus)

# "APPROVED FOR RELEASE: 08/25/2000

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ECRYPCHITY(), [1], [1].

HYAREN'KIY, Viktor Solomonovich; FILIPPOV, Aleksey Fedorovich; CHUDOVA, L.A., redaktor; GORYACHAYA, M.M., redaktor; TUMARKINA, B.A., tekhnicheskiy redaktor

[Stability of difference equations] Ob ustoichivosti resnostnykh urevnenii. Pod red. L.A. Chudova. Moskva, Gos. izd-vo tekhnikoteoret. lit-ry, 1956. 171 p. (MIRA 10:4)

(Difference equations)

SHILOV. Georgiy Yevgeniyevich; GORYACHAYA, M.M., redaktor; GAYRILOV, S.S., tekhnicheskiy redaktor

[Introduction to the theory of linear spaces] Vvvedenie v teoritu lineinykh prostrenstv. Izd. 2-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 303 p. (MIRA 9:11)

(Geometry, Algebraic)

THE REPORT OF THE PROPERTY OF

ZAYTSEV, Ivan Lazarevich; BARANENKOV, G.S., redaktor; KAVERIN, N.A., redaktor; GORYACHAYA, M.M., redaktor; TUMARKINA, N.A., tekhnicheskiy redaktor

[A course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Pod red. G.S.Baranenkova. Isd. 2-oe, ispr. Moskva, Gos. isd-vo tekhniko-teoret. lit-ry, 1956. 340 p. (MLRA 9:8)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516330006-7"

KRASHOSEL'SKIY, Mark Aleksandrovich; GORYACHAYA, M.M., redaktor; TUMARKINA, W.A., tekhnicheskiy redaktor.

上了了自己的现在分词,我们就是这种的时候,我们就是这种的时候,我们就是我们就是我们的,我们是是我们的,我们是我们的,我们是我们的,我们就是我们的,我们就是我们的

[Topologic methods in the theory of nonlinear integral equations]
Topologicheskie metody v teorii nelineinykh integral'nykh uravnenii.
Moskva, Gos.isd-vo tekhniko-teoret. lit-ry, 1956. 392 p. (MIRA 9:6)
(Integral equations)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516330006-7"

TARASOV, Nikolay Petrevich; GORYACHAYA, M.M., redakter; GAVRIIOV, S.S., tekhnicheskiy redakter.

THE PROPERTY OF THE PROPERTY O

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumev. Isd.9-ee, perer.Meskva, Gos.isd-vo tekhnike-teeret.lit-ry, 1956. 404 p. (MIRA 9:6) (Calculus) (Geemetry, Analytic)

KORDENSKIY, Boris Anastas'yevich; GORTACHAYA, M.M., redaktor; AKHLAMOV,
S.E., tekhnicheskiy redaktor

[Sharpness in mathematics] Natematicheskaia smekalka. Izd. 3-e.
Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 574 p. (MIRA 9:11)

(Mathematical recreations)

# "APPROVED FOR RELEASE: 08/25/2000 CIA-R

CIA-RDP86-00513R000516330006-7

TRAINTRIBERT, Boris Avraamovich; GCHYACHAYA, M.M., red.; YERMAKOVA, Ya.A., tokhn.red.

[Algorithms and mechanical solution of problems] Algoritmy i mashinnoe reshenie sadach. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1957. 94 p. (Populiarnye lektsii po matematike, no.26) (Calculating machines)

(Algorism)

(Algorism)

GOEYACHAYA, M.M.

# PHASE I BOOK EXPLOITATION

16

Yaglom, A. M., and Yaglom, I. M.

Veroyatnost' i informatsiya (Probability and Information) Moscow, GITTL, 1957. 159 p. 30,000 copies printed.

Ed.: Goryachaya, M. M.; Tech. Ed.: Gevrilov, S. S.; Reviser: Moiseyeva, Z. V.

PURPOSE: The book is designed for people without higher mathematical education. The authors' main task was to acquaint the general reader with certain not-too-complicated, but very important mathematical concepts and their application in modern engineering.

COVERAGE: The fundamentals of the classic theory of probability and the general concept of probability in connection with Boolian algebra are presented. The concepts of entropy and information are introduced and their mathematical formulation given. The importance of the concepts of entropy and information is illustrated by certain logical problems. The concepts of a code and of its economy are introduced.

Card 1/4

# Probability and Information

The binary code is described and its economy studied. The binary code is extended into the code of m signals. Special attention is paid to the Shannon-Fano Code and to Shannon's work in information theory. The fundamentals of the Shannon-Feno Code and its efficiency are demonstrated. The transmission of a message, when communication line disturbances are present is discussed. The concepts of the speed of transmission and the carrying capacity of communication lines are introduced and formulas given. No proofs are given for the formulas and only one individual case given by A. H. Kolmogorov is studied. There are 8 references mentioned in the introduction and in footnotes, 7 of which are Soviet and 1 English. In the introduction the authors thank Academician A. M. Kolmogorov for his valuable advice. They also thank editor M. M. Goryachaya for her remarks concerning the arrangement of the book material.

Card 2/4

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CCRYACHAYA, M. M.

IYUBARSKIT, Grigórly Yakovlevich; GORYACHAYA, M.M., red.; GAVRILOV, S.S., tekhn.red.

[Theory of groups and its use in physics] Teoriia grupp i ee primenenie v fisiks. Moskva, Gos.izd-vo tekhniko-teoret. lit-ry, 1957. 354 p. (MIRA 11:3)

(Groups, Theory of)

CORYACHAYA, M.M., redaktor; NEGRIMOVSKATA, R.A., tekhnicheskiy redaktor

[A course in trigonometry for engineering schools] Kurs trigonometrid dila tekhnikunov. Ind. 4-ce, stereotip. Moskva, Gos. ind-vo tekhniko-teoret. lit-ry, 1957. 336 p. (MLRA 10:5)

(Trigonometry)

GORYACHAYA MILL.

PHASE I BOOK EXPLOITATION

Q

· Khinchin, A. Ya.

Kratkiy kurs matematicheskogo analisa (Brief Course in Mathematical Analysis)
Noscow, GITTI, 1957. 627 p. 50,000 copies printed.

Ed.: Goryachaya, M. M.; Tech. Ed.: Akhlatov, S. M.; Reviser: Yemel'yanova, S. M.

PURPOSE:

The textbook is designed for students of the mechanics-mathematics and physics-mathematics faculties of universities and pedagogical institutes. The author's main task was to prepare a textbook which would not only satisfy the course requirements but would be on the modern scientific level.

COVERAGE:

The book covers the basic concepts of numbers, functions, and limits, the elements of differential integral calculus, the basic theory of series, and the expansion of differential and integral calculus for the functions of several arguments, In the preface to the first edition the author thanks members of the departments of mathematical analysis of the Moscow, Leningrad and Kiyev universities for their remarks and advice. Special gratitude is expressed to Prof. Tumarkin, L. A. (Moscow), Prof. Shilow, G. Ye. and to the editor, Golovin, O. N.

Card 1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516330006-7"

Irief Course in Mathematical Analysis  In the preface to the second edition, the ment of Mathematical Analysis of Resto Gachov, F. D.) for criticism of the fi Kolmogorov, A. N., and Prof. Myshkis, errors. The author thanks Demidovich, index. There is no bibliography.	w University (Department Head Property of the book and to A. A. D. (Minsk) for pointing out	of. .cademician certain	
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KRASNOSEL'SKIY, Mark Aleksandrovich; RUTITSKIY, Yakov Bronislavovich;

GOHYACHAYA, M.M., red.; ERTUCHKOVA, V.N., tekhn.red.

[Convex functions and Orlics epaces] Vypuklye funktsii i
prostranstva Orlicha. Moskva, Gos. izd-vo fiziko-matematicheskoi
lit-ry, 1958. 271 p. (MIRA 11:12)

(Functional analysis)

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LYUBARSKIY, Grigoriy Yokovlevich; GORYACHAYA, M.M., red.; YERMAKOVA, Ye.A., tekhn.red.

[Theory of groups and its use in physics] Teoriia grupp i ee primenenie v fizike. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1958.
354 p. (MIRA 12:4)

(Groups, Theory of)

VITUSHKIN, Anatoliy Georgiyevich; ANTONOVSKIY, M.Ys., red.; GORYACHAYA,
M.M., red.; GAVRILOV, S.S., tekhn.red.

[Evaluating the complexity of the problem of tabulating]
Otsenkn sloshnosti sadachi tabulirovaniia. Moskva, Gos.izd-vo
fiziko-metem.lit-ry, 1959. 228 p.

(Mathematics--Tables)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516330006-7"

KITOV, Anatoliy Ivanovich; KRINITSKIY, Nikolay Andreyevich; GGRYACHAYA,

N.M., red.; ORLOV, V.B., red.; GAVRILOV, S.S., tekhn.red.

[Electronic digital computers and their programming] Elektronnys
taifrovye mashiny i programmirovanie. Moskva, Gos.izd-vo fizikomatem.lit-ry, 1959. 572 p.

(Electronic digital computers)

(Programming (Electronics))

KOZHEUROV, Pevel Takovlevich; GORYACHAYA, M.M., red.; EMUDNO, K.F., tekhn.red.

[Trigonometry] Trigonometrila. Ind.2. Moskva, Gos.ind-vo finiko-metem.lit-ry, 1960. 336 p.

(Trigonometry) (MIRA 14:1)

KALNIN, Robert Avgustovich; GCRYACHAYA, M.M., red.; MURASHOVA, W.Ya., tekhn.red.

[Algebra] Algebra. Imd.5. Moskva, Gos.imd-vo fimiko-matem. lit-ry, 1960. 320 p. (MIRA 14:4) (Algebra)

VYGODSKIY, Mark Yakovlevich; GORYACHAYA, M.M., red.; KRYUCHKOVA, V.N., tekhn.red.

CONTROL MATERIAL PROPERTY OF THE PROPERTY OF T

[Elementary mathematics handbook; tables, arithmatic, algebra, geometry, trigonometry, functions, and graphs] Spravochnik po elementarnoi matematike; tablitay, arifmatika, algebra, geometriia, trigonometriia, funktsii i grafiki. Izd.13, stereotipnoe. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1960. 412 p. (MIRA 13:11)

(Mathematics)

GORYACHNYA, M.M.

PADDRYEV. Dmitriy Konstantinovich; SOMINSKIY, Il'ya Samuilovich; GO
HYACHAYA, M.M., red.; MUHASHOYA, W.Y., tekhn. red.

[Algebra for self-instruction] Algebra dlia sarcobrazovaniia.

Moskva, Gos. izd-vo fiziko-metem. lit-ry, 1960. 529 p.

(MIRA 14:5)

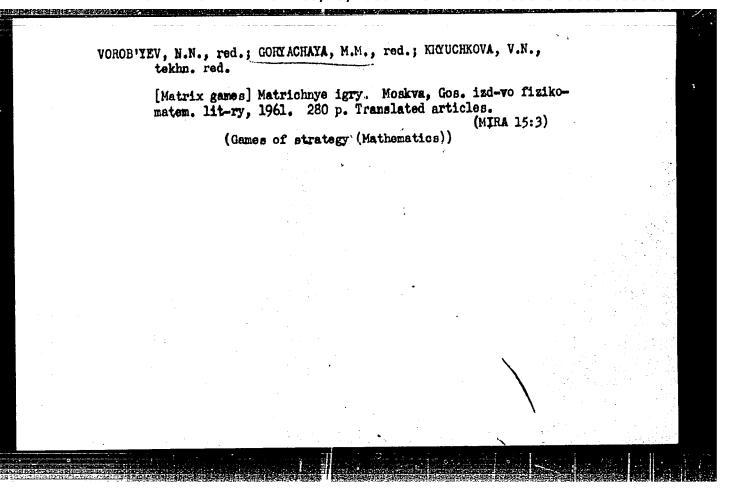
(Algebra)

VILENKIN, Naum Yakovlevich; GORYACHAYA, M.M., red.; PLAKSHE, L.Yu., tekhn.
red.

[Method of successive approximations] Metod posledovatel nykh priblishenii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 63 p.

(MIRA 14:9)

(Approximate computation)



KRASNOSEL'SKIY, Mark Aleksandrovich. Prinimal uchastiye BAKEL'MAN,
I.Ya.; GORYACHAYA, M.M., red.; LIKHACHEVA, L.V., tekhn. red.

[Positive solutions to operator equations in the theory of non-linear analysis] Polozhitel'nye resheniia operatornykh uravmenii glavy nelineinogo analiza. Moskva, Gos.izd-vo fiziko-matem.lit-ry
1962. 394 p.

(Equations) (Operators (Mathematics))

(Operators (Mathematics))

BEREZIN, Ivan Semenovich; ZHIDKOV, Nikolay Petrovich; GORYACHAYA,

M.M., red.; AKSEL'ROD, I.Sh., tekhn. red.

[Calculation methods]Metody vychislenii. Izd.2., perer.

Moskva, Fizmatgiz. Vol.2. 1962. 635 p. (MIRA 15:11)

(Numerical calculations)

YAGLOM, Isaak Moiseyevich; GORYACHAYA, M.M., red.; MOROZOVA, I.Ye.m red.; AKSEL'ROD, Tender and their use in geometry Kompleksnye chiela i ikh primepnie v geometrii. Moskva, Fizmatgis, 1963. 191 p. (MIRA 16:9) (Numbers, Complex) (Geometry, Non-Enclidean)

KORDEMSKIY, Boris Anastas'yevich; GORYACHAYA, M.M., red.; KRYUCHKOVA, V.N., tekhn. red. [Mathematical problems and games] Matematicheskaia smekalka. Izd.7., perer. Moskva, Fizmatgiz, 1963. 566 p. (MIRA 16:5) (Mathematics--Problems, exercises, etc.)

YUDIN, David Borisovich; GOL'SHTEYN, Ye.G.; MOVSHOVICH, S.M., red.;

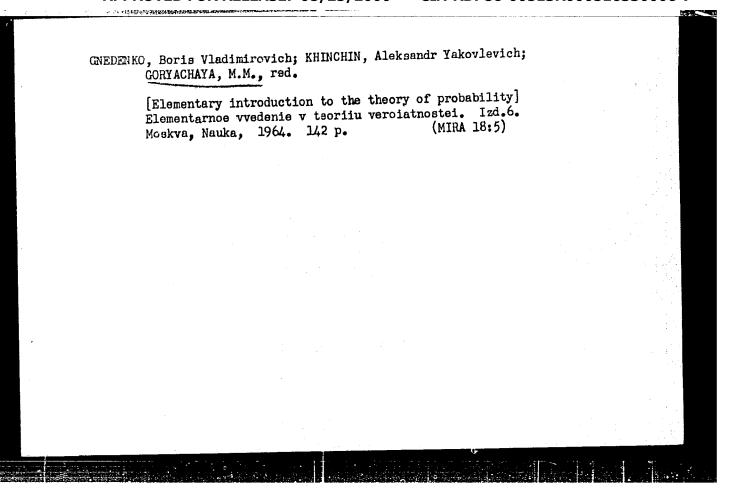
GORYACHAYA...M.M., red.; MURASHOVA, N.Ya., tekhn.red.

[Linear programming; theory and finite methods] Lineince programmirovanie; teoriia i konechnye metody. Moskva,

Fizmatgiz, 1963. 775 p. (NIRA 17:2)

SOMINSKIY, Il'ya Samuilovich; CORYACHAYA, M.M., red.; KRYUCHKOVA, V.N., tekhn. red.

[Elementary algebra; supplementary course] Elementarnaia algebra; dopolnitel'ny'i kurs. Moskva, Fizmatgiz, 1963.
200 p. (MIRA 17:2)



MIRONOV, Goorgiy Akimovich; KRINITSKIY, N.A., red.; GORYACHAYA, M.M., red.

[Test programs for checking electronic digital computers] Ispytatel'nye programmy dlia kontrolia elektronnykh tsifrovykh mashin. Moskva, Izd-vo "Nauka," 1964. 267 p. (MIRA 17:6)

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BUKHTIYAROV, Aleksey Mikhaylovich; ZIKEVSKAYA, Lidiya Mikhaylovna; FROLOV, Gennadiy Dmitriyevich; KRINITSKIY, N.A., red.; GORYACHAYA, M.M., red.

[Collection of problems in programming with answers and solutions] Sbornik zadach po programmirovaniiu s otvetami i resheniiami. Moskva, Nauka, 1965. 410 p. (MIRA 18:11)

PAPERNOV, Abram Aleksendrovich; GORYACHAYA, M.M., red.

[Logical principles of digital computers and programming ]
Logicheskie osnovy tsifrovykh mashin i programmirovaniia.

Moskva, Nauka, 1965. 560 p. (MIRA 18:7)

ERUDNO, Aleksandr L'vovich; GORYACHAYA, M.M., red.

[Introduction to programming in symbols according to content] Vvedenie v programmirovanie v soderzhatel'-nykh oboznacheniiakh. Moskva, Nauka, 1965. 147 p.

(MIRA 18:11)

DEMIN, M.N.; ICONIN, V.M.; GORYACHENKO, N.A.; TRINKIN, N.R.; YANTOVSKII, I.A.;

TRUBIN, A.K.

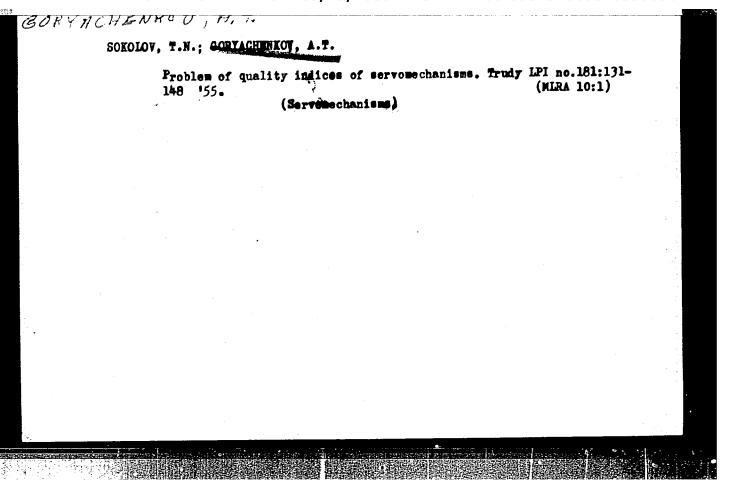
Coating leather for uppers with nitro dye solutions at high temperatures. Kozh.-obuv.prom.3 no.4:13-15 Ap '61. (MIRA 14:5)

(Dyes and dyeing-Leather)

1 U0U/9-07 EWI (m) ACC NRI AP6034093 ... SOURCE CODE: UR/0089/66/021/004/0267/0271 AUTHOR: Goryachenko, V. D. ORG: none TITLE: Stability of a nuclear reactor with a circulating fuel without delayed neutrons SOURCE: Atomnaya energiya, v. 21, no. 4, 1966, 267-271 TOPIC TAGS: circulating fuel reactor, reactor control, reactor neutron flux, control system stability, nuclear reactor characteristic ABSTRACT: The article is devoted to investigation of the stability of circulating-fuel reactor, model with distributed parameters, neglecting the delayed neutrons but taking into account the spatial distribution of the variables along the reactor core. The main purpose of the investigation was to check the feasibility of self-regulation in such a reactor under conditions when the time that the fuel spends inside the core is much smaller than the time outside the core. It is assumed that the self-regulation is effected by a negative temperature coefficient of reactivity, the heat released in the core is proportional to the neutron density, and that the energy balance is governed essentially by the change in the heat energy. A sinusoidal distribution of the neutron density along is postulated. The characteristic equation for the written out and is linearized in the vicinity of the equilibrium. For a reactor distributed with parameters the main cause of instability is either a large 1/2 · vdc: 621.039.56: 621.039.514 Card

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value of negative temperature coefficient of reactivity, in the fuel in the core (or both). The analysis of shows that the delayed neutrons exert a favorable influent stability region itself is small and instability can set changes in the reactor parameters. It is shown in additionance in for reactor stability (Proc. of the Internat. Of Atomic Energy, Geneva, 1955, v. 5, p. 377 [English editionated with circulating fuel. The deductions are only constructed with circulating fuel. The delayed neutrons characteristics of the influence of the delayed neutrons	in as a result of small on that Welton's sufficiency conf. on the Peaceful Uses of on]) is not applicable to a qualitative, and quantitative.
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L 37920-66 EWT(m)/T ACC NR: AP6024534 SOURCE CODE: UR/0089/66/021/001/0003/0006 AUTHOR: Coryschenko V. ORG: none TITIE: Stability of nuclear power plant with circulating fuel SOURCE: Atomnaya energiya, v. 21, no. 1, 1966, 3-6 TOPIC TAGS: circulating fuel reactor, nuclear reactor characteristic, nuclear reactor core ABSTRACT: The dynamics of a nuclear power plant with a circulating incompressible fuel is analyzed. It is assumed that the reactor core represents a system with lumped parameters, and the heat exchanger is a unit with distributed parameters. linearized system of equations for the reactor dynamics is derived and the conditions for reactor stability are established. The author thanks N. A. Zheleztsov and Ye. F. Sabayev for their comments on the work. Orig. art. has: 1 figure and : 25 formulas. [AS] SUB CODE: 18/ SUBM DATE: 08Dec65/ ORIG REF: 004/ OTH REF: 006/ ATD PRES:5048 UDC: 621.039.515



ALEKSANCHOV, I.A.; GORYACHIJIKOV, V.G.; YEREMENKO, V.S.; KORNEYEV, YA.F.; KHALIF, A.L.

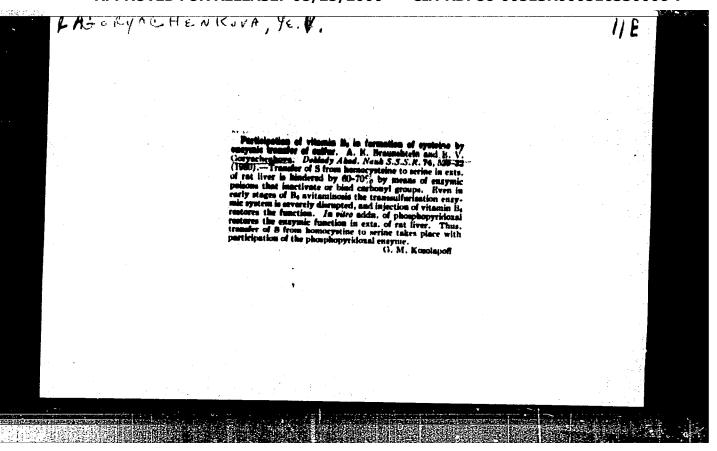
Obtaining liquefied gas in the refining of oil on the pressure and vacuum distillation units of petroleum plants. Gaz. prem. 8 no.11:48-50 163. (MIRA 17:11)

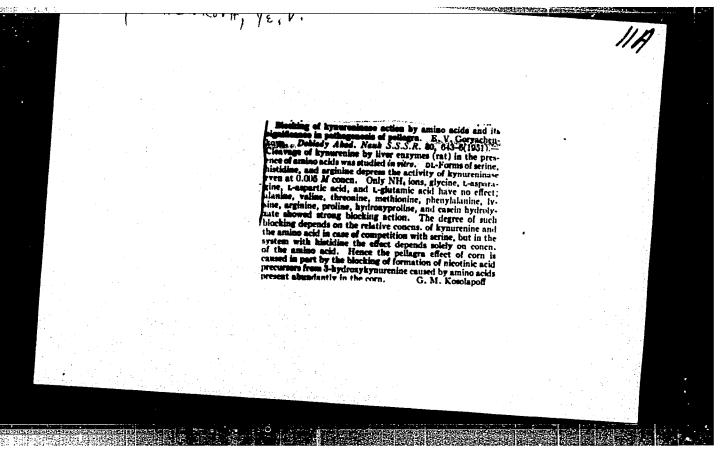
CORTACHENKOVA, Ys. V.

"On the Intermediary Metabolism of 1-Tryptophan," Pickhim., 8, No.1, 1943

Lab. Metabolic Research, VIEM

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USSR/Medicine - Pyridoxine Medicine - Alamine Compounds "Enzymatic Formation of Alamine From Levo- Kynurenine and Levotriptophane and the Role Vitamin B6 in This Process" A. Ye. Braunsht Ye. V. Goryachenkva (Aided by T. S. Paskin Lab Chem of Mitrogen Exch. Inst Biol and Med Chem, Acad Med Sci USSR, Moscow, 17 pp  "Biokhimiya" Vol XIV, No 2  Kynurenine, a chief intermediate product of sidistimilation of levotriptophane, is broken by kynureninase of the liver and kidneys of dissimilation of levotriptophane, is broken by kynureninase of the liver and kidneys of  "Manines and men with formation of anthranilic Setablished that second product of kynurenina elemina, formation of which was discovered duri Kynurenine and tissue cuts on levotriptophane. Synurenine and tissue cuts on levotriptophane. Submitted 22 Nov 48.	#1.Asmus





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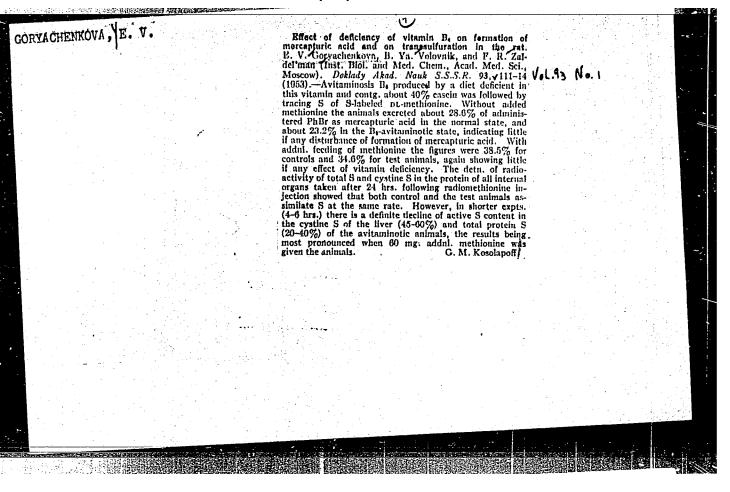
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/Richogy, Maisine - Autibiotics, 21 Hor 52	The Ensyme of Garlic (Allinase) That Forms Allicin Ls a Phosphopyrodomal Proteid," Ye. V. Gorya- chenkova	"Dok Ak Hauk SESR" Vol 87, No 3, pp 457-460 Allinese catalyzes the formation of allicin from alliin. In view of the fact that alliin is a beta-substituted alpha-mainoscid with a strongly polar substituent in the beta position.	it may be assumed that the enzyme which splits alliin (i.e., allinase) must be a phosphopyrodoxal phosphate proteid. This assumption has been confirmed experimentally.		
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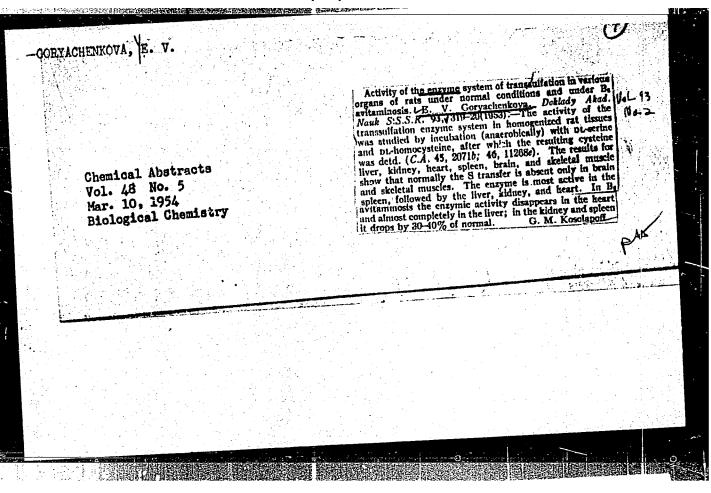
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THE REPORT OF THE PROPERTY OF

# GORYACHEMMOVA, YE.V.

The Commission on Stall Prizes (of the Council of Ministers (MIR) in the fields of antence and investions accommons that the following scientific works, popular scientid: books, and textbooks have been submitted for competition for Stalin Prizes for 10 years 1002 and 2003 (StratePaye Kultura, Mostow, No. 22-40, 20 Feb - 3 Apr 1954)

### Year

Braunshteyn, A.Ye. Shemyakin, M.M. Goryachenkova, Ye.V. Azarkh, R.M. Vilenkia, G.Ya.

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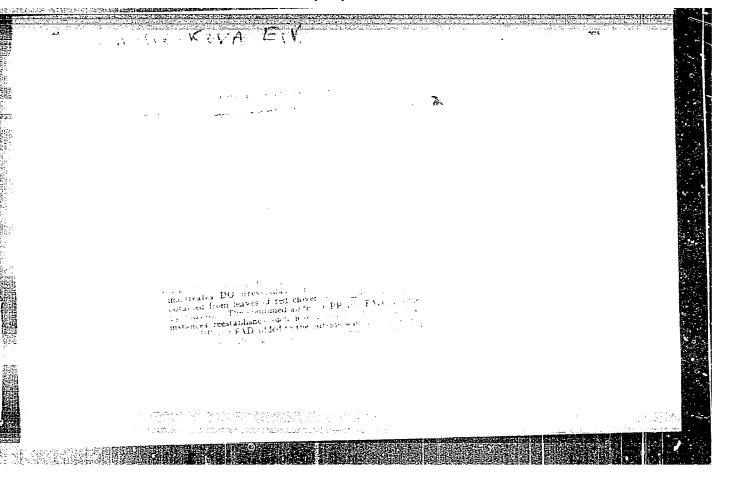
"Investigations of the Processes of Amino Acid Notabolism and the Role of Certain Vitamins of the 'B' Complex in These Processes

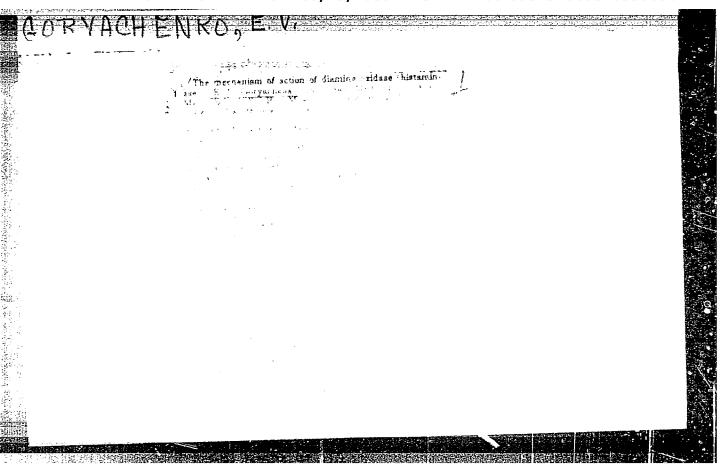
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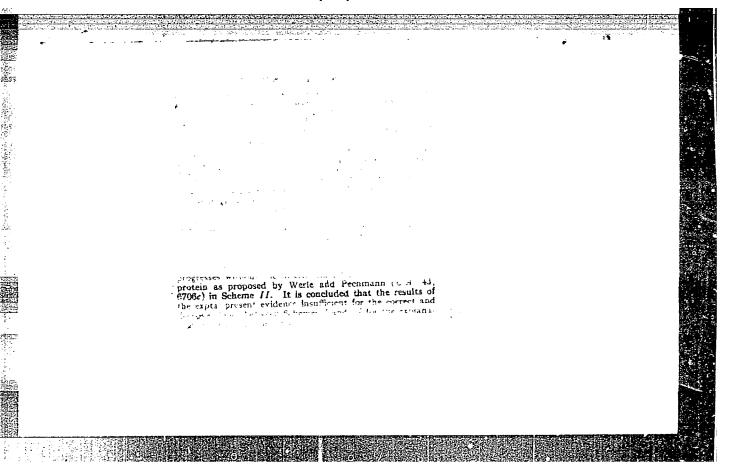
Institute of Biological and Medical Chemistry, Academy of Medical Sciences USSR

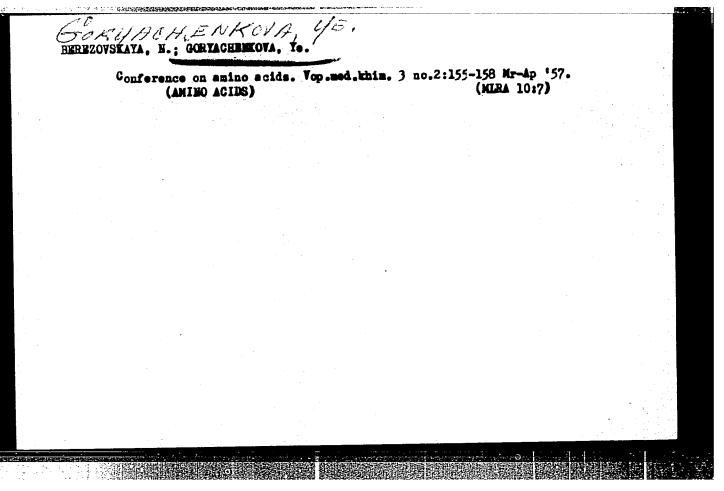
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USPRESKAYA, V.D., GORYACHENKOVA, Ye.V., MOGILEVSKAYA, Z.G., POLYAKOVA, V.P.

Electrophoretic purification of diamine oxidase [with summary in English]. Biokhimiia 23 no.2:211-219 Mr-Ap '58 (MIRA 11:6)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva. (HISTAMINASE,

purification by electropheresis, technic (Rus))

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516330006-7"

17(3) **AUTHOR:** 

Goryachenkova, Ye.V.

SOV/20-123-5-36/50

TITLE:

On the Identity of Histaminase and Diaminoxidase (Ob identichnosti gistaminazy i diaminoksidazy)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 5, pp 898-901 (USSR)

ABSTRACT:

The author gives a survey of publications on the discovery of ferments which render harmless diamines biologically active in animal tissues (Refs 1-4). At first, the presence of one single ferment, diaminoxydase (DO) (Ref 2) was supposed. Later on, however, it was stated (Ref 4) that there were 2 ferments, histaminase and DO. The difference in their actions is constituted by the difference in the oxidation intensities of histamine on the one hand, and of the diamines (putrescine, cadaverine, agmatine) on the other. The author wanted to obtain additional data on the identity mentioned in the title, and studied the following questions: 1) The distribution of activities with regard to histamine and the diamines in the protein fractions of DO from plants and animals; these fractions were purified by the method of electrophoresis; 2) The comparative characteristics of the DO-inactivation (DO from hog kidneys) by iso-nicotinylhydrazide, as well as the reactivation of the apoferment obtained by means of dialysis, by adding phosphorus pyridoxal (vitamin  $B_{\ell}$ )

Card 1/3

On the Identity of Histaminase and Diaminoxidase

SOV/20-123-5-36/50

(PhP), with regard to histamine and the diamines. In the present paper it was found that the distribution of the active DO fractions purified by means of electrophoresis, agrees with regard to histamine and the diamines, as far as the length of the column is concerned. DO from hog kidneys is more active with regard to putrescine, whereas DO from pea seedlings oxidizes both histamine and hexamethylene-diamine at about the same velocity. The author has proved that the oxidation of histamine and of the diamines is reduced to an equal extent by the DO-inactivation (from hog kidneys) by means of iso-nicotinyl-hydrazide. On the other hand, it rises to an equal extent on the addition of PhP to the DO-apoferment (produced by the method specified in reference 5). Thus, in the opinion of the author, the identity of DO and histaminase is confirmed.-There are 2 figures, 1 table, and 13 references, 2 of which are Soviet.

ASSOCIATION:

Institut biologicheskoy i meditsinskoy khimii Akademii meditsinskikh nauk SSSR (Institute of Biological and Medical Chemistry at the Academy of Medical Sciences of the USSR)

Card 2/3

# Hole of vitamins B6 and B2 in the action of diamine oxidase. Vitaminy no.4:15-21 '59. (MIRA 12:9) 1. Institut biologicheskoy i meditsinskoy khimii Akademii meditsinskikh nauk SSSR. Moskva. (DIAMINE OXIDASE) (PYRIDOXINE) (RIBOFLAVIN)

### GORYACHENKOVA, YE. V. (USSR)

"The Enzymic Formation of Hydrogen Sulphide from Cysteine in the Liver;"
Report presented at the 5th International Biochemistry Congress, Moscow
10-16 August 1961

### GORYACHENKOVA, Ye.V.

Pathways of ensymmtic formation of hydrogen sulfide from L-cysteine in the liver. Biokhimiia 26 no.3:541-548 My-Je '61. (MIRA 14:6)

1. Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., and Institute of Radiation and Physico-Chemical Biology, Academy of Sciences of the U.S.S.R., Moscow.

(HYDROGEN SULFIDE) (CYSTEINE) (LIVER)

# GORYACHENKOVA, Ye.V.

CONTRACTOR DE LA CONTRA

Enzymatic micromethod for determining pyridoxal phosphate and pyridoxal amine phosphate. Biokhimiia 28 no.3:565-571 My-Je '63. (MIRA 17:2)

1. Laboratory of Chemical Basis of Biocatalysis, Institute of Radiation and Physico-Chemical Biology, Academy of Sciences of the U.S.S.R., Moscow.

GORYACHENKOVA, Yawv.; YERSHOVA, E.A.

Study of the substrate specificity and cofactors of diamine oxidase from the hog kidneys. Biokhimina 30 no.1:165-173 (MIRA 18:6)

Ja-F '65.

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR, Moskva.

GORYACHEV, A.A., polkevnik; SIDOROV, P.A., polkovnik; CHENTSOV, N.I., redartor; KONOVALOVA, Ye.K., tekhnicheskiy redaktor.

[Military regulations on the ethical and combat qualifications of a Soviet officer] Voinskie ustavy o moral no-boevyth kachestvaka sovetskogo ofitsera. Moskva, Voem. 1xd-ve Ministers tva obor. SSSR, 1953. 45 p.[Microfilm] (MIRA 9:1)

(Military education)

CORYACHEV, A.A.; IGNAT'YEV, O.S.; ROGACHEV, D.L.

Synthesis of chkalovite. Dokl. AN SSSR 146 no.5:1179-1181 0 '62.

(MIRA 15:10)

1. Institut khimii i tekhnologii redkikh elementov i mineral'nogo syr'ya Kol'skogo filiala im. S.M.Kirova AN SSSR.

(Chkalovite)

GORYACHEV, A. D.

"Experience in Introducing Die Casting"

The Kirov District of Leningrad Strives for Technological Progress; Collection of Articles, Leningrad, Sudpromgiz, 1957. 171pp.

This collection of articles describes the progressive experience of the industrial plants of the Kirov district of the city of Leningrad in the fields of shipbuilding, machine building, instrument-making, casting, hydrolytic and other industries. New manufacturing methods are discussed.

BFLOW, A.D., kand. tekhn. nauk; GORTACHET A.D., innh.

Stainless steel with good machinability. Lit. proisv.
(MIRA 18:12)

10.11:2-3 N '65.

ACC NRAP6008862  SOURCE CODE: UR/0128/65/000/011/0002/0003  AUTHOR: Belov, A. D. (Candidate of technical sciences); Goryachev, A. D. (Engineer)  ORG: none  TITLE: Easily machinable stainless steels  SOURCE: Liteynoye proizvodstvo, no. 11, 1965, 2-3  TOPIC TAGS: metal machining, stainless steel, sulfur, metal melting, are furnace, corresion resistance, metal chemical analysis, steel microstructure, carbon steel  ABSTRACT: S and its analogues Se and Te as well as Pb improve the machinability of stainless steel but Pb, Se and Te are technically inexpedient and hence it is best to apply S and its compounds. However, the introduction of S-treated steels is hindered by the lack of information on the deoxidation of the metal, the conditions for retreating S-treated steel scrap and the methods of treating metal with S. To
ORG: none  TITLE: Easily machinable stainless steels  SOURCE: Liteynoye proizvodstvo, no. 11, 1965, 2-3  TOPIC TAGS: metal machining, stainless steel, sulfur, metal melting, arc furnace, corresion resistance, metal chemical analysis, steel microstructure, carbon steel ABSTRACT: S and its analogues Se and Te as well as Pb improve the machinability of stainless steel but Pb, Se and Te are technically inexpedient and hence it is best to apply S and its compounds. However, the introduction of S-treated steels is hindered by the lack of information on the deoxidation of the metal, the conditions hindered by the lack of information on the deoxidation of treating metal with S. To
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for retreating S-treated steel scrap and the methods of the and phromium-nickel
fill this gap, the authors prepared 40 mets of carbon, chromitan and salvais and
steels treated with 0.15-0.30% S. Altrostructural examination of S mechanical tests of melt specimens established the following. The assimilation of S is optimal (95-100%) if elementary S is added in finely comminuted form during
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# L 26031-66 ACC NR. AP6008862 the teeming operation. The steels are of a high quality if the z PeO content is insignificant (up to 0.007% 0). It is expedient to produce 8-t) nated stainless steels in electric arc furnaces with a basic lining in order to remove P. By contrast with the conventional technique, here it must be considered that S is not removed, a high deoxidation of the metal is assured by adding minimal amounts of Si, Mn, Al and calcium-silicon, and S is added in the runner during teeming. Three methods of melting are possible: by using carbon-steel or low-alloy steel scrap, by oxidizing the impurities by means of the 02 of the ore or by blowing 02 through the melt under pressure, or by using retreat scrap subjected to 02 blowing and remelting without oxidation. The machining of the steels thus produced reduces the wear on cutting tools 2.5-4 times compared with conventional steels, increases the cutting rate 1.5-2 times and reduces the cutting stress 25%. The corrosion resistance of such steels is as high as that of conventional steels. Orig. art. has: 3 tables. SUBM DATE: none SUB CODE: 11, 13 /

MASLOV, V.S. ; GORYACHEV, A.G.; SUVOROV, V.N. Device for cutting irregularly shaped windshields. Stek.i ker. (MIRA 13:8) 17 no.4:37-38 Ap '60. (Glass cutting) (Antomobiles-Windows and windshields)

GORYACHEV, A.I.

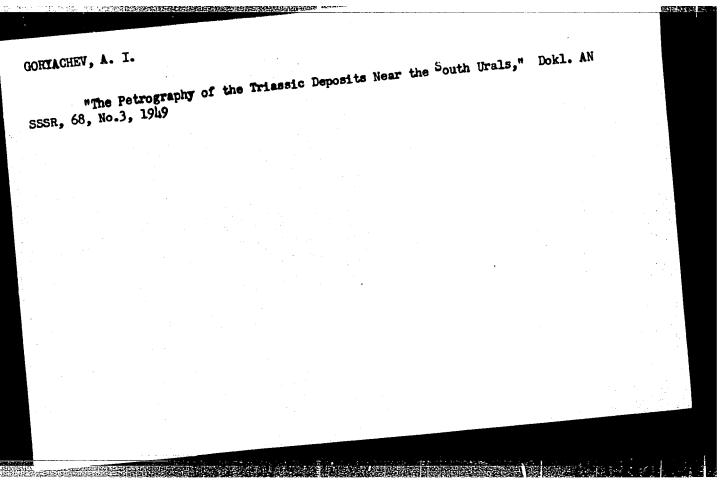
"Investigation of Moise in Lead Sulfide Photoresistors," by
A. I. Goryachev and K. A. Yumatov, Radiotekhnika i Elektronika, No 12, Dec 56, pp 1503-1514

Determination of photoresistor charecteristics is one of great practical importance, because photoresistors are now widely used for measurement of small values of radiant energy.

Lead sulfide photoresistors were examined for the relationship between internal noises and applied voltage, load, field intensity, dark resistance, frequency, and magnitude of photocurrent. The experiment disclosed that photoresistors posses greatest sensitivity when the value of the dark resistance is the least; this is also true in respect to internal noises.

This report was delivered at the All-Union Conference on Semiconductors, Leningrad, November 1955.

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· > PHASE I BOOK EXPLOITATION

SOV/2219

RSFSR. Glavnoye upravleniye geologii i okhrany nedr

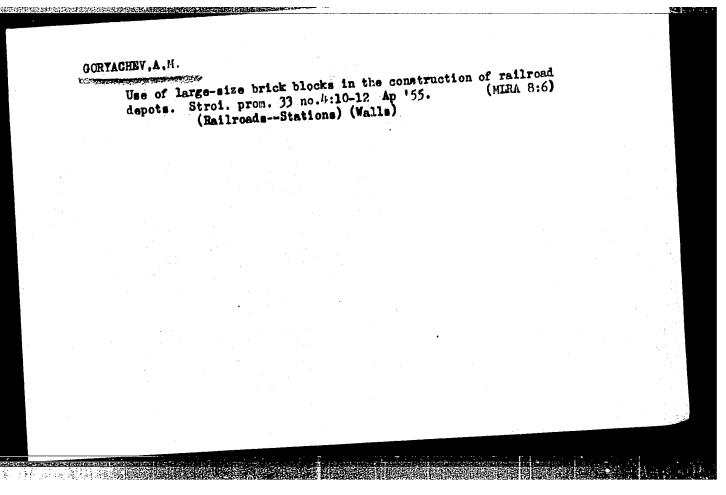
- Geologiya i neftegazonosnost' Vostochnoy Sibiri (Geology and Oil- and Gas-bearing Possibilities of Eastern Siberia) Moscow, Gostop-tekhizdat, 1959. 486 p. 1,650 copies printed.
- Additional Sponsoring Agency: Vostochno-Sibirskiy neftegeologicheskiy trest.
- Ed.: V.G. Vasil'yev; Executive Ed.: Yej.G. Pershina; Tech. Ed.: I.G. Fedotova.
- PURPOSE: The book is intended for geologists interested in the stratigraphy, lithology, tectonics, and the oil- and gas-bearing possibilities of the Eastern Siberian platform and Zabaykal'ye.
- COVERAGE: This collection of articles contains materials on the stratigraphic classification and lithologic characteristics of sediments of the Cambrian system and of the so-called "ancient" beds developed along the northern slope of the Eastern Sayan Mountains and

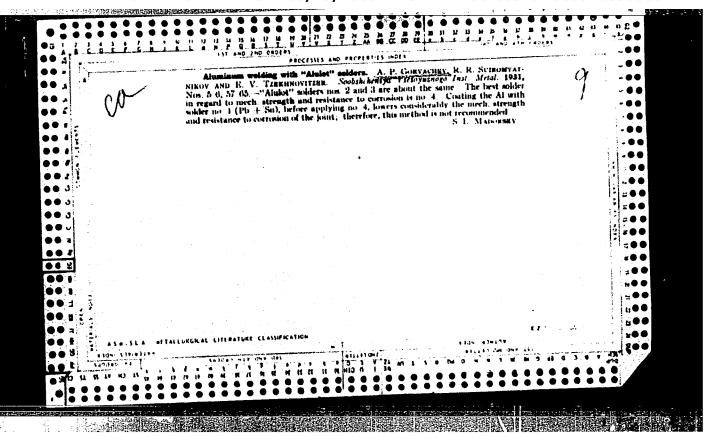
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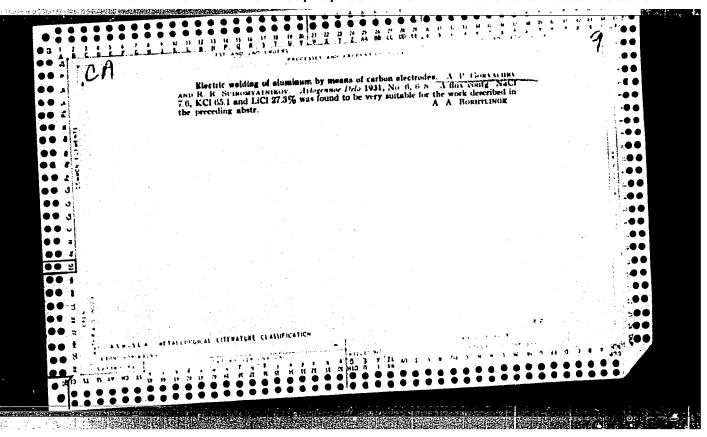
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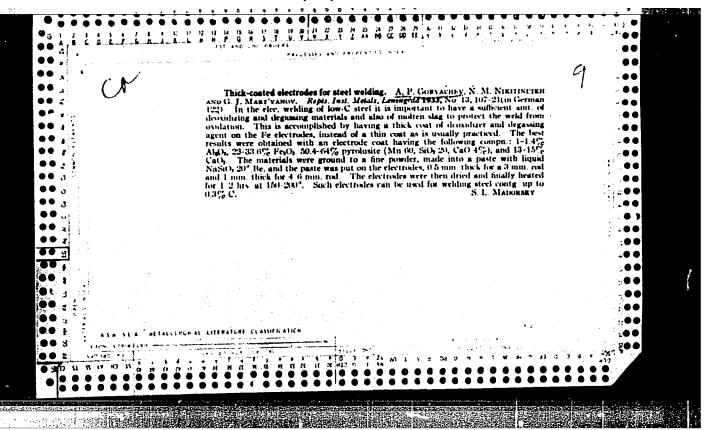
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PHASE I BOOK EXPLOITATION SOV/3699

Goryachev, A.P., S.M. Yegorov, I.S. Fatiyev, and V.A. Semenov

Argono-dugovaya svarka i payka titana (Argon Arc Welding and Soldering of Titanium), Leningrad, 1957. 34 p. (Series: Informatsionno-tekhnicheskiy listok, No. 80-81. Svarka i payka metallov) 6,200 copies printed.

Ed.: Z.M. Ryzhik, Engineer; Tech. Ed.: T.B. Klopova.

PURPOSE: This book is intended for welders.

COVERAGE: Manual and automatic methods of welding titanium with and without filler metal are explained. Soldering and brazing methods are discussed and fluxes and protective gases are described. There are 11 references: 7 Soviet, and 4 English.

TABLE OF CONTENTS: None given [book divided as follows].

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Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 139 (USSR)

' AUTHOR: Goryachev, A. P.

TITIE: Welding Titanium (Swarka titana)

PERIODICAL: V sb.: Swarochnoye proiz-vo. Leningrad, Lenizdat, 1957, pp 64-76

ABSTRACT: The article investigates the technology of manual and automatic welding of technical Ti in a medium of inert gases using W- and fusing electrodes. It was found that with a current I=280a, welding speed v =200-250 mm/min, diameter of the torch jet 12 mm, and a content of 0.27 per cent N<sub>2</sub> and 0.05 per cent O<sub>2</sub> in Ar, the best conditions for protecting the Ti from the surrounding atmosphere are ensured with an Ar consumption of 12-20 liters/min. By increasing the consumption of Ar the hardness of the joint and the quantity of 0 and N in it are increased. An increase of v has a favorable effect. Large linear arc energies can cause overheating of the liquid metal and formation of pores in the joint. The composition of the protective gas affects the voltage U on the arc and the width of the fusion zone. Thus, in welding with a W-electrode with I =200a, v = 150 mm/min and a gas consumption of 27 liters/min a change in the Ne content of Arcfrom 0 to 75 per cent causes an increase in the fusion zone from 7.5 mm to Card 1/3

Welding Titanium

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10 mm and an increase in U from 11v to 13v (arc length 2 mm) and from 15v to 18v (arc length 8 mm). The welding wire must contain ≤ 0.05 per cent 0, 0.04 per cent N, 0.001 per cent H, and 0.1 per cent C. The more plastic the wire, the more plastic the metal of the joint. For increasing the plasticity of the joint it is necessary to degasify the welding wire in a vacuum of 10-3 mm Hg at 850°-900° C for 5-5 hours in order to eliminate H. Degasification of the wire increases the a of the joint from 2.3 - 3.5 to 7.9 kg/cm<sup>2</sup>. The welding of titanium lends itself readily to mechanization. Without a welding wire this can be accomplished on Cu or Ti blocks up to 3 mm thick on one side and up to 6 mm thick on two sides. Moreover, there is no reduction of joint cross-section in comparison with the thickness of the plates. For welding thicknesses > 6 mm the edges are separated and a welding wire is used. Use of a wire with diameter < 1.5-2. sures a uniform flow of the liquid metal through the arc with minimum splash. The smoothest transition from the facing metal to the parent metal occurs when welding with reversed polarity. With a welding speed of 22 m/hr and a gap of 18-20 mm, a change in current from 160a to 230a causes an increase in the fusion depth of the parent metal from 0.8 mm to 3.2 mm. Examples of preparing welded constructions from titanium are given: a conduit 88 m in diameter, a screw propeller,

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Welding Titanium

a gas cylinder, a kerosene tank, an air pressure cylinder to sustain 60 kg/cm<sup>2</sup>, and a tubular welded assembly.

1. Titanium--Welding 2. Welding--Equipment

V.S.

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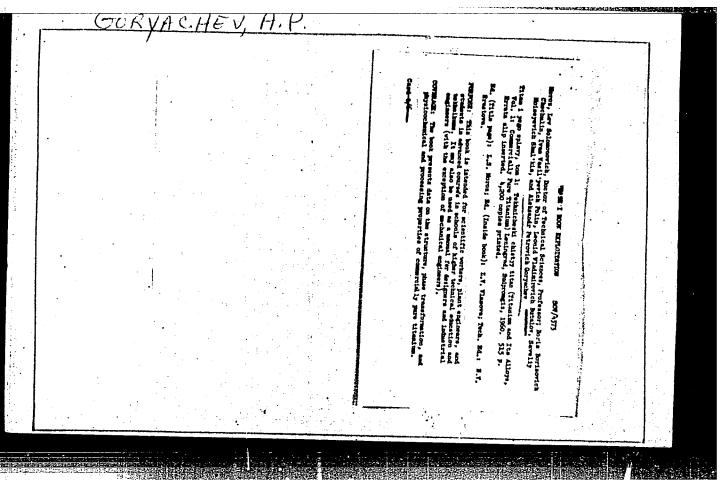
TRET'YAKOV, F. Ye. and SHORSHCROV, M. Kh. (Candidates of Technical Sciences)

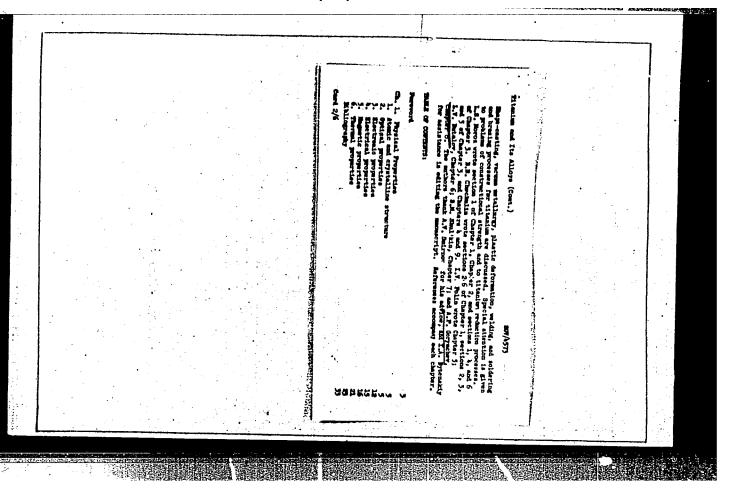
GORYATCHEV, A. P. and FOLYAKOV, D. A. (Engineers)

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paper presented at All-Unon Scientific-Technical Conference on Welding in Shielding Gases, Lieinengrad, Dec 1957.

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